

## Dow 5E16S Polypropylene Homopolymer Resin

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

### Material Notes:

Overview Consistent processability Superior impact Good mold release Contains an antistatic additive Complies with U.S. FDA 21 CFR 177.1520 (c)1.1a Complies with Canadian HPFB No Objection DOW 5E16S Polypropylene Resin is intended for use in injection molding processes. It is a controlled rheology grade, designed for excellent impact and toughness. Dow Announced Sale of Global Polypropylene Business to Braskem in July 2011.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-5E16S-Polypropylene-Homopolymer-Resin.php](http://www.lookpolymers.com/polymer_Dow-5E16S-Polypropylene-Homopolymer-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792
Melt Index of Compound	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	103	103	ASTM D785
Tensile Strength, Yield	31.7 MPa	4600 psi	ASTM D638
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Flexural Modulus	1.35 GPa	196 ksi	ASTM D790A
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	Unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China